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### INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6: (11) International Publication Number: WO 98/05768 A1 C12N 15/11, 15/62, 5/16, 15/54 (43) International Publication Date: 12 February 1998 (12.02.98) (81) Designated States: AU, CA, JP, SG, US, European patent (AT, (21) International Application Number: PCT/AU97/00492 BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, 1 August 1997 (01.08.97) NL, PT, SE). (22) International Filing Date: **Published** (30) Priority Data: 2 August 1996 (02.08.96) With international search report. PO 1402 AU 21 August 1996 (21.08.96) 60/024,279 US (71) Applicant (for all designated States except US): THE AUSTIN RESEARCH INSTITUTE [AU/AU]; Kronheimer Building, The Austin Hospital, Studley Road, Heidelberg, VIC 3084 (AU). (72) Inventors; and (75) Inventors/Applicants (for US only): McKENZIE, Ian, Farquhar, Campbell [AU/AU]; 359 Brunswick Road, Brunswick, VIC 3056 (AU). SANDRIN, Mauro, Sergio [AU/AU]; 211 Barkley Street, Brunswick, VIC 3056 (AU). (74) Agent: SANTER, Vivien; Griffith Hack, 509 St. Kilda Road, Melboume, VIC 3004 (AU).

#### (54) Title: IMPROVED NUCLEIC ACIDS ENCODING A CHIMERIC GLYCOSYLTRANSFERASE

#### (57) Abstract

The invention relates to nucleic acids which encode glycosyltransferase and are useful in producing cells and organs from one species which may be used for transplantation into a recipient of another species. It also relates to the production of nucleic acids which, when present in cells of a transplanted organ, result in reduced levels of antibody recognition of the transplanted organ.